

FIG. 1A



FIG. 1B

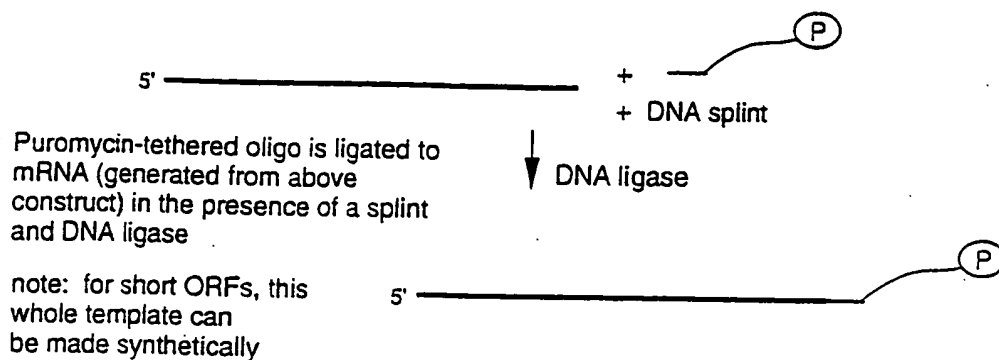
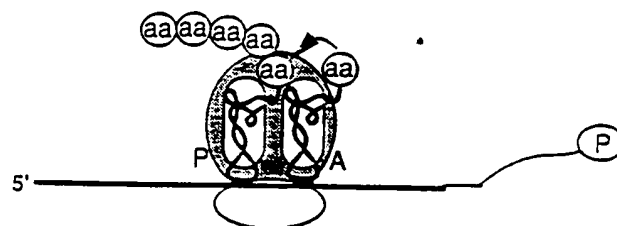
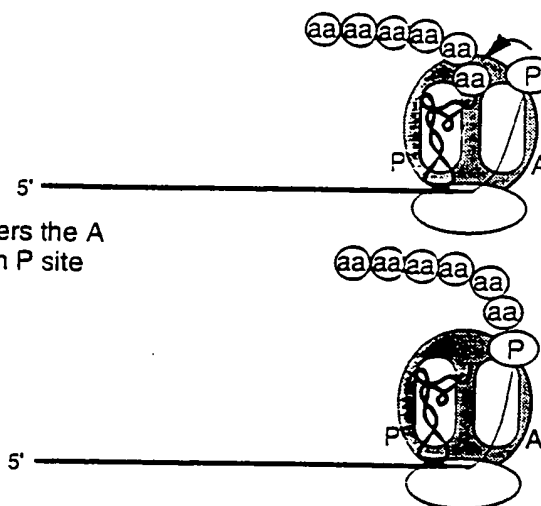


FIG. 1C

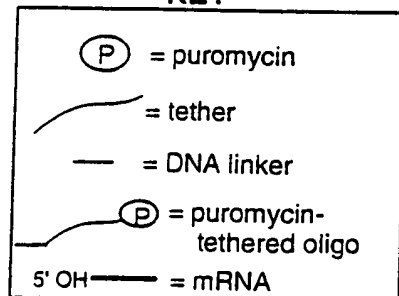


in vitro translation proceeds normally from the 5' to the 3' end of the mRNA



covalently linked puromycin enters the A site and attacks peptidyl tRNA in P site

# KEY



Release of RNA-protein fusion with high salt wash of Ribosome



Figure 2. Generalized Protocol for Selection Experiments

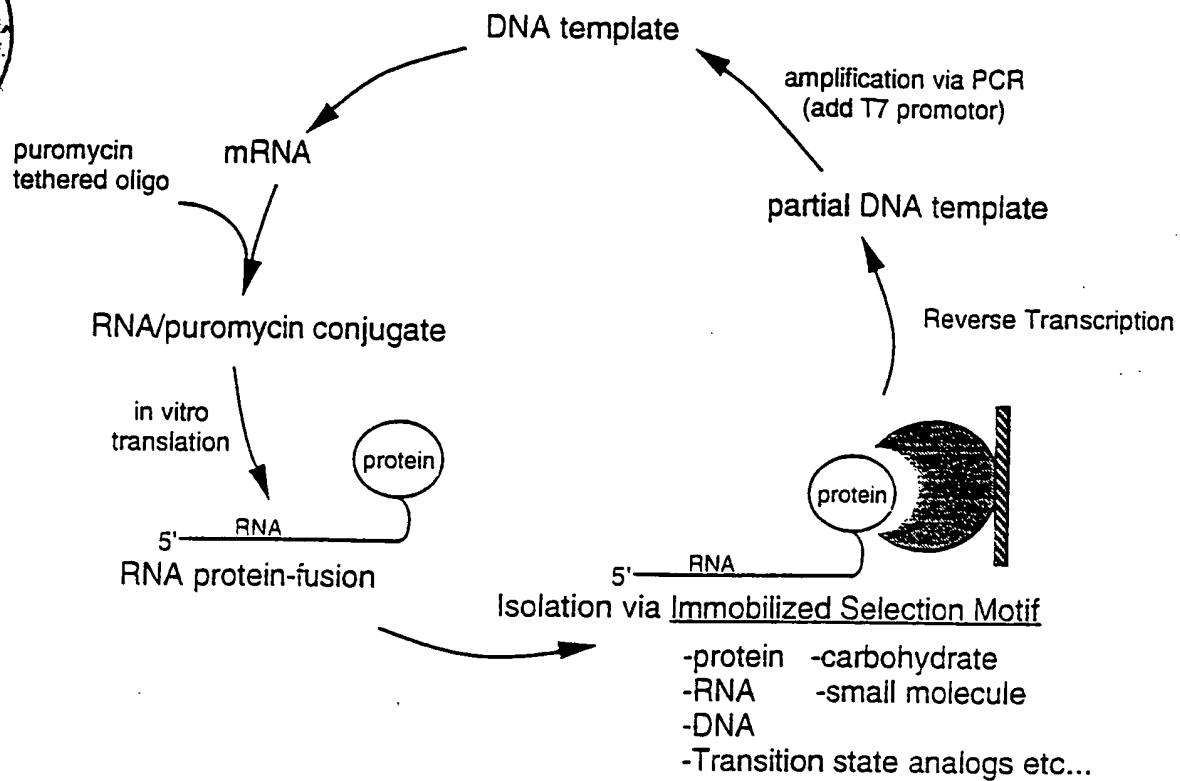
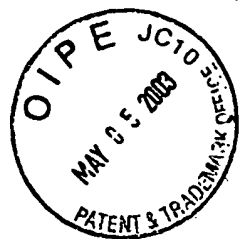


Figure 3.

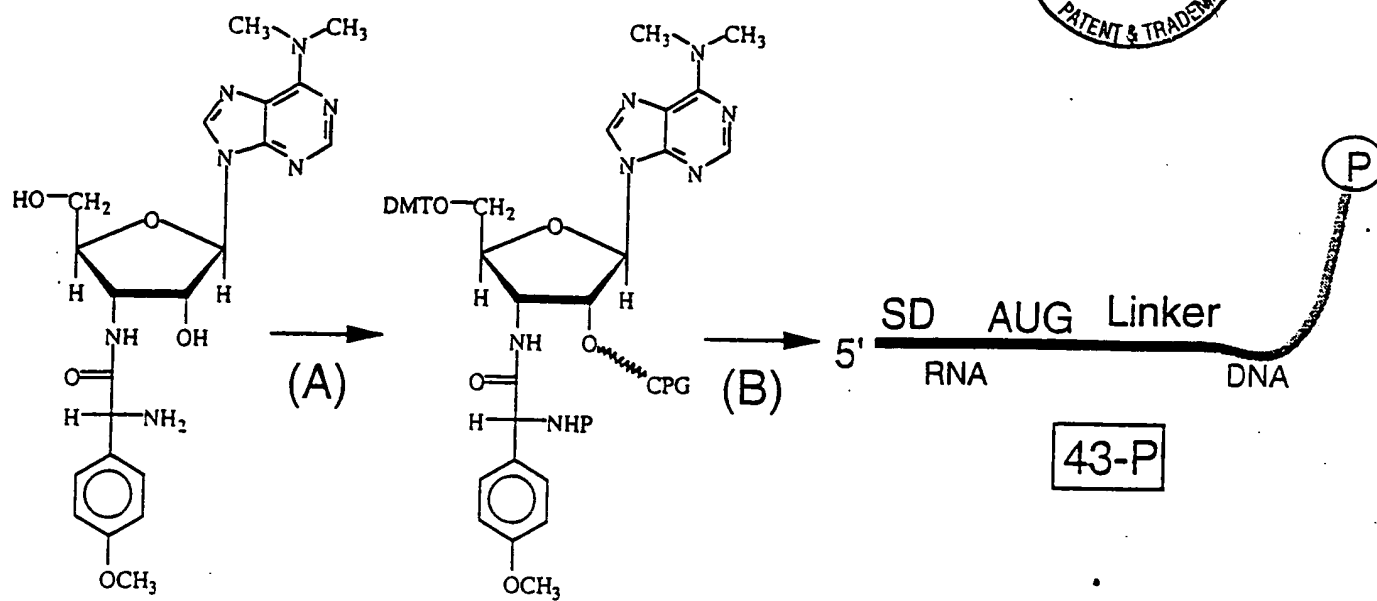
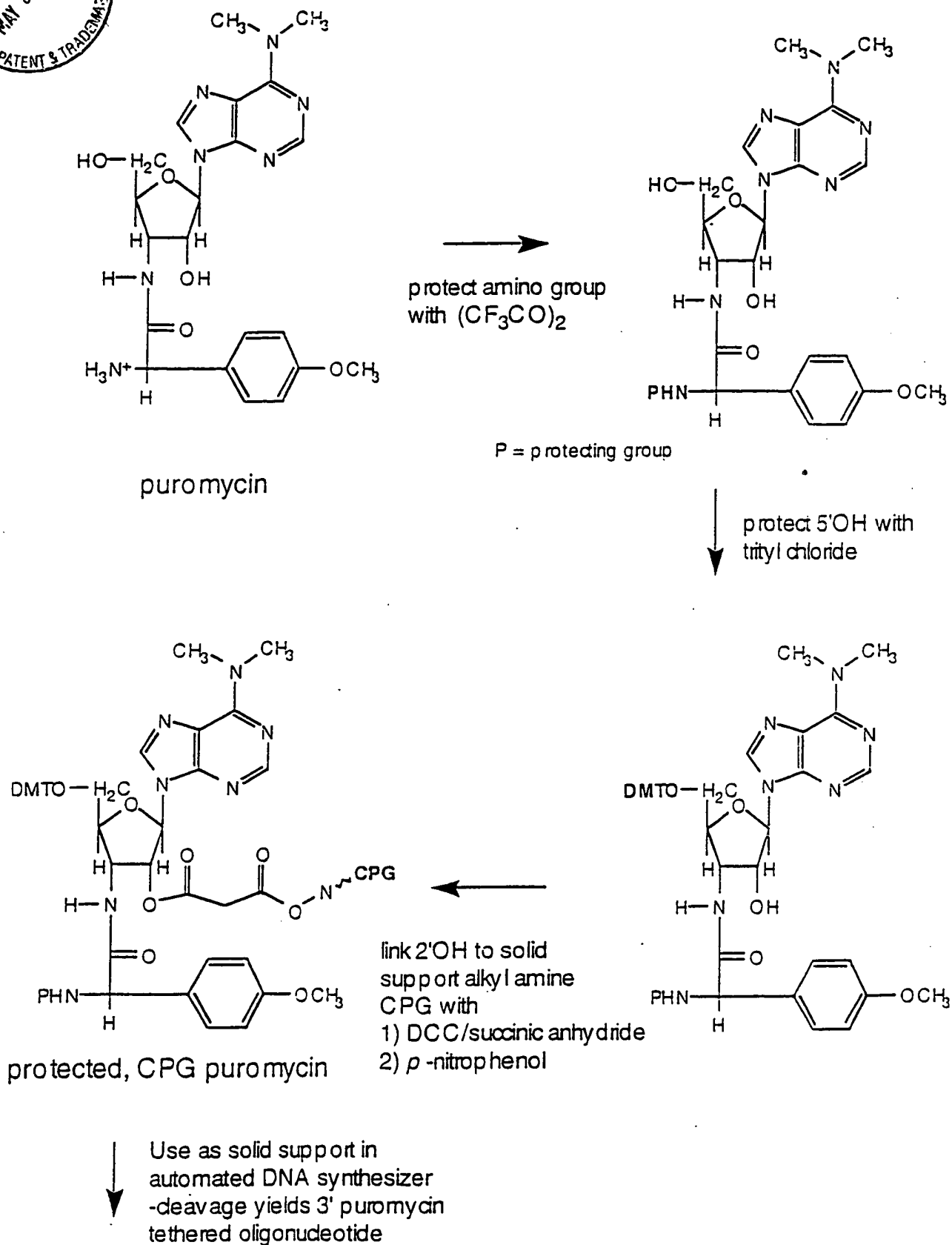


FIG. 4



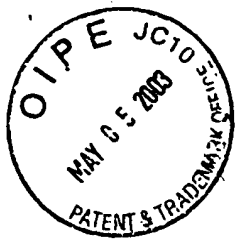
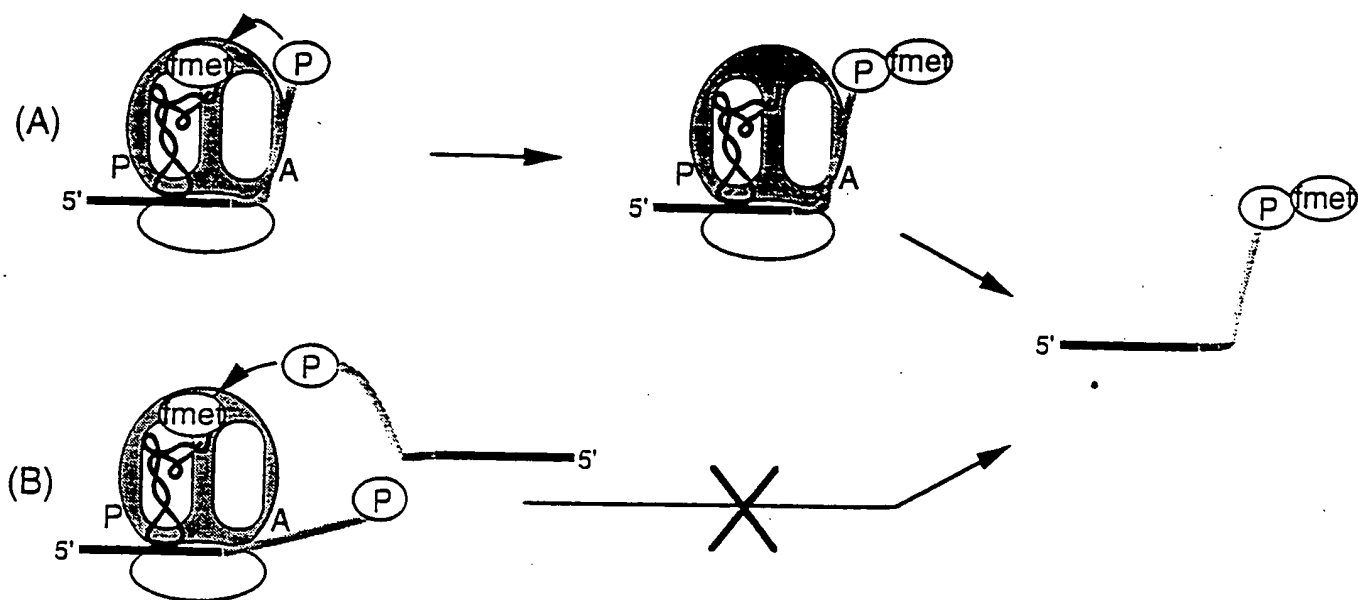
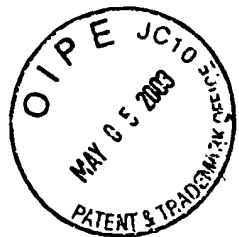


FIG. 5





Lane	1	2	3	4	5	6
Mg <sup>2+</sup> [mM]	32P	6	9	12	15	18

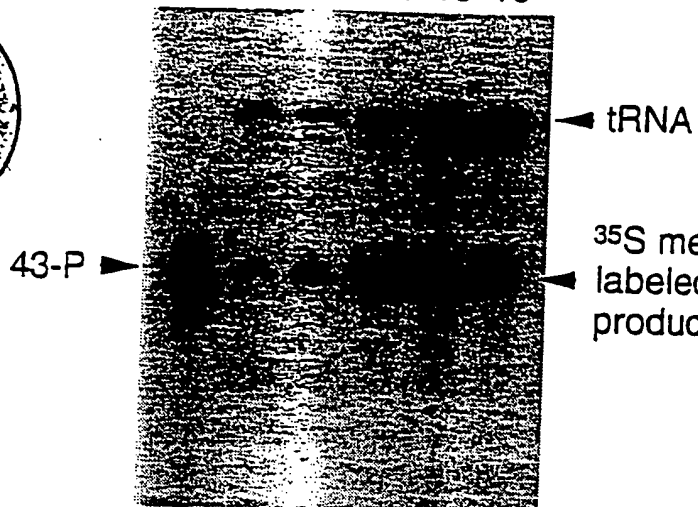


FIG. 6A

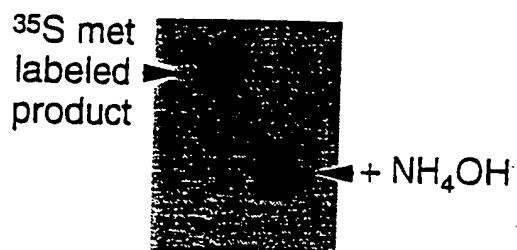


FIG. 6B

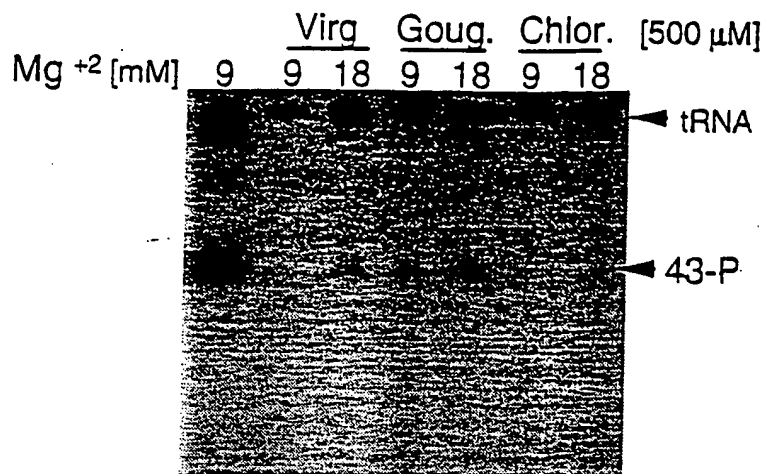
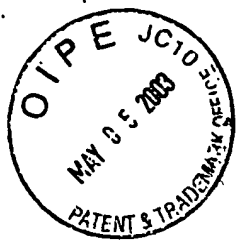


FIG. 6C

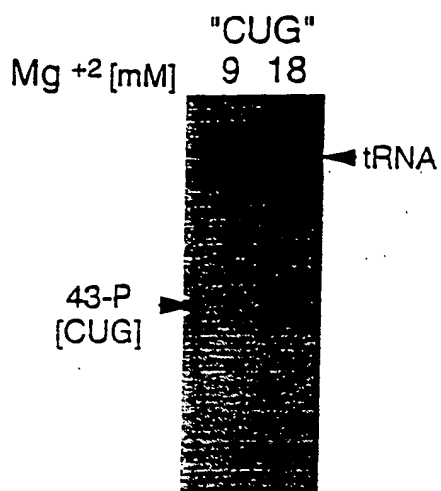
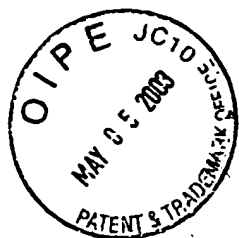


FIG. 6D



Linker (dA) <sub>n</sub>	<u>n=27</u>		<u>n=24</u>		<u>n=21</u>		<u>n=18</u>	
Mg <sup>2+</sup> [mM]	9	18	9	18	9	18	9	18

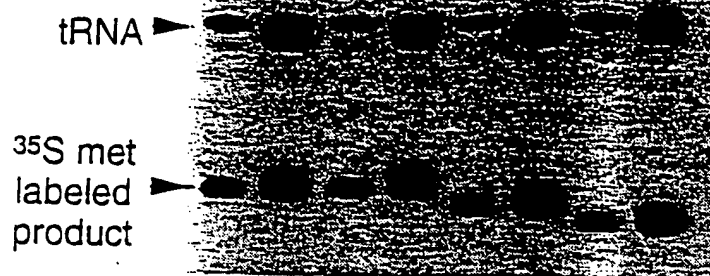


FIG. 6E



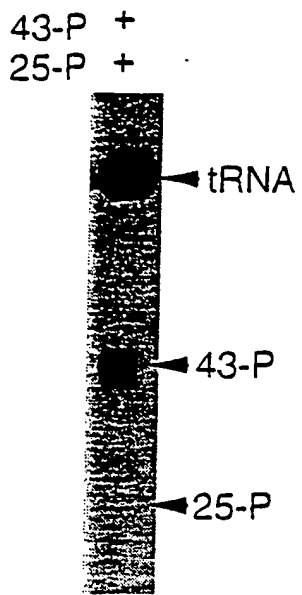


FIG. 6F

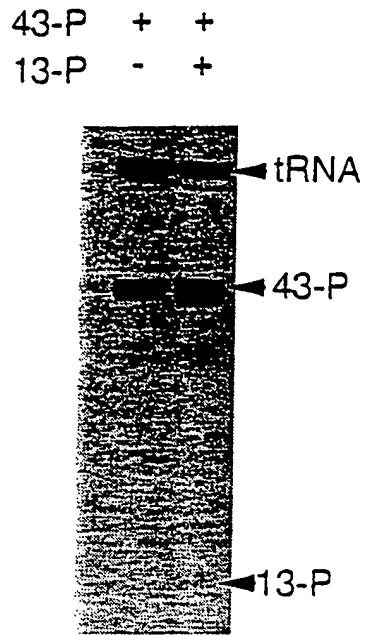


FIG. 6G

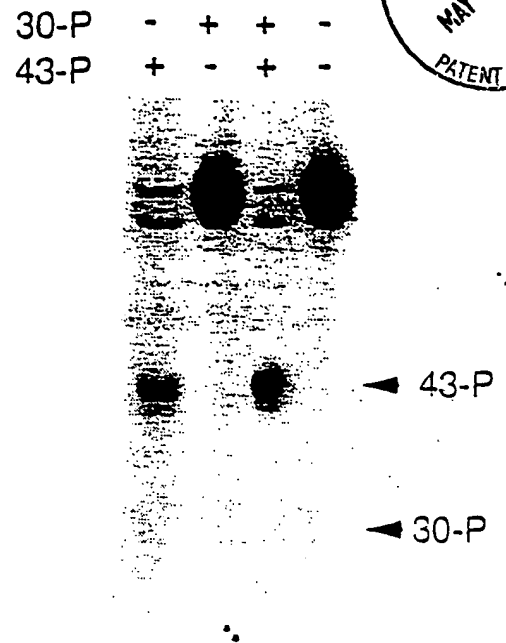
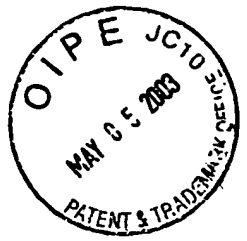


FIG. 6H



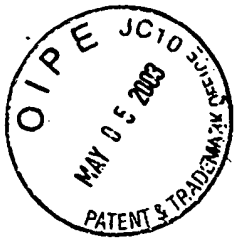
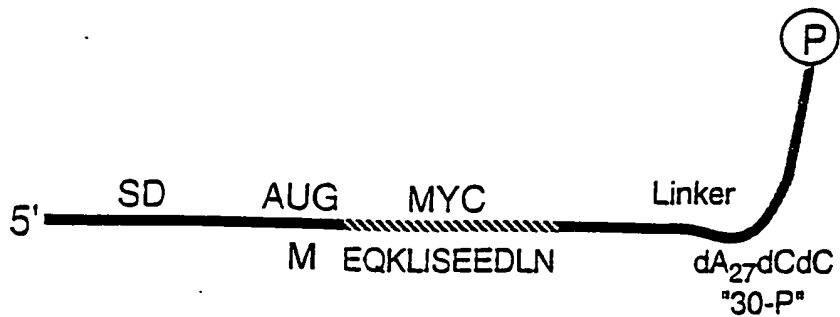
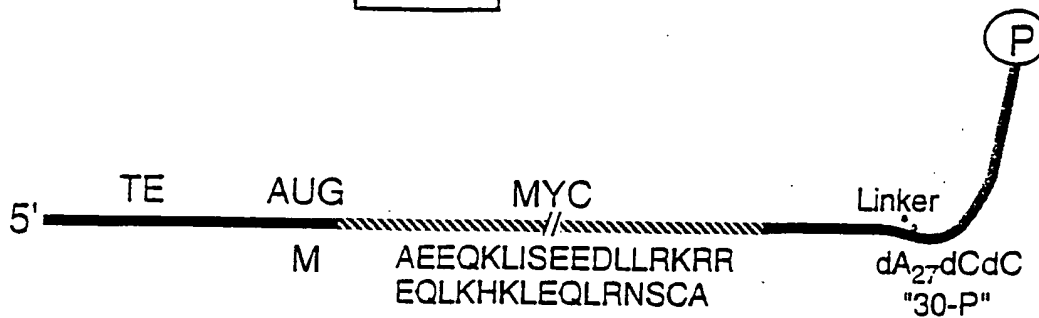


FIG. 7A



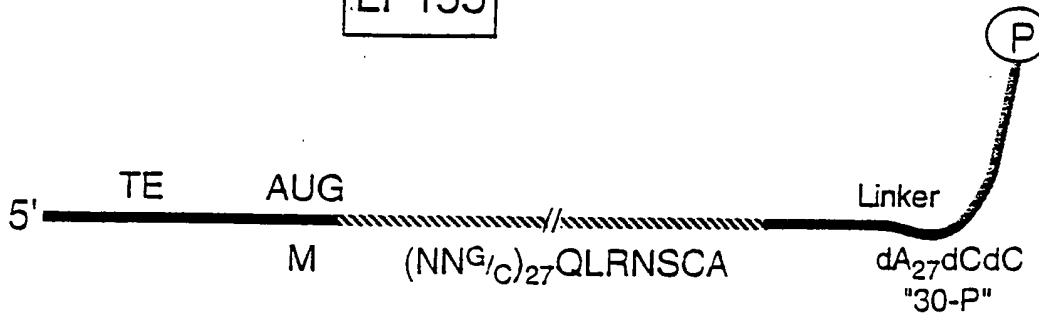
LP77

FIG. 7B



LP155

FIG. 7C



POOL #1

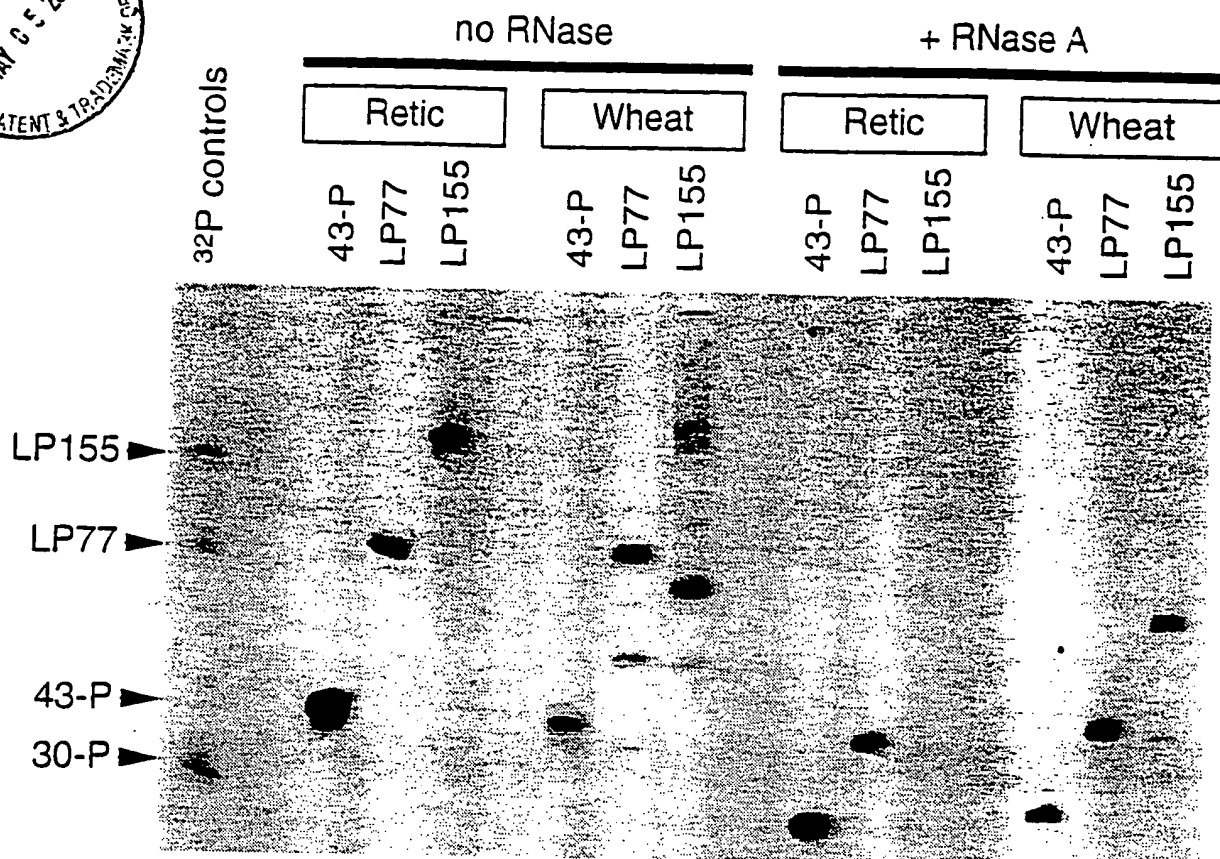
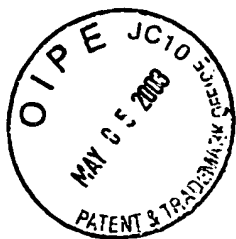


FIG. 8

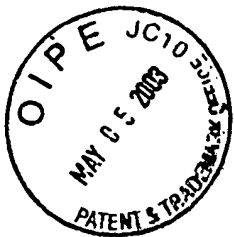
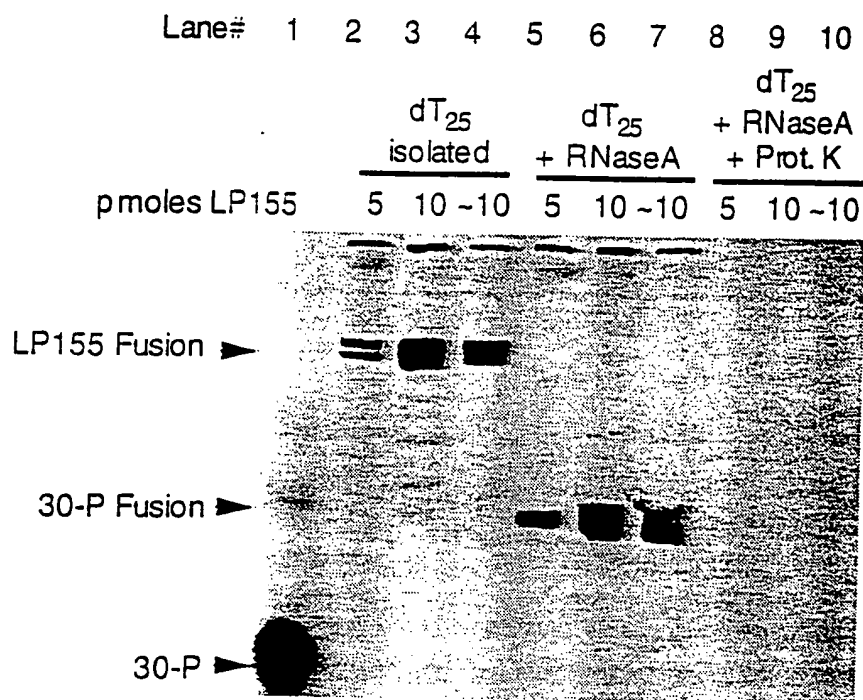


FIG. 9

# Effects of RNase A and Proteinase K on fusion





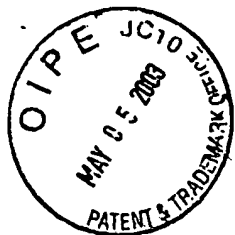


FIG. 11

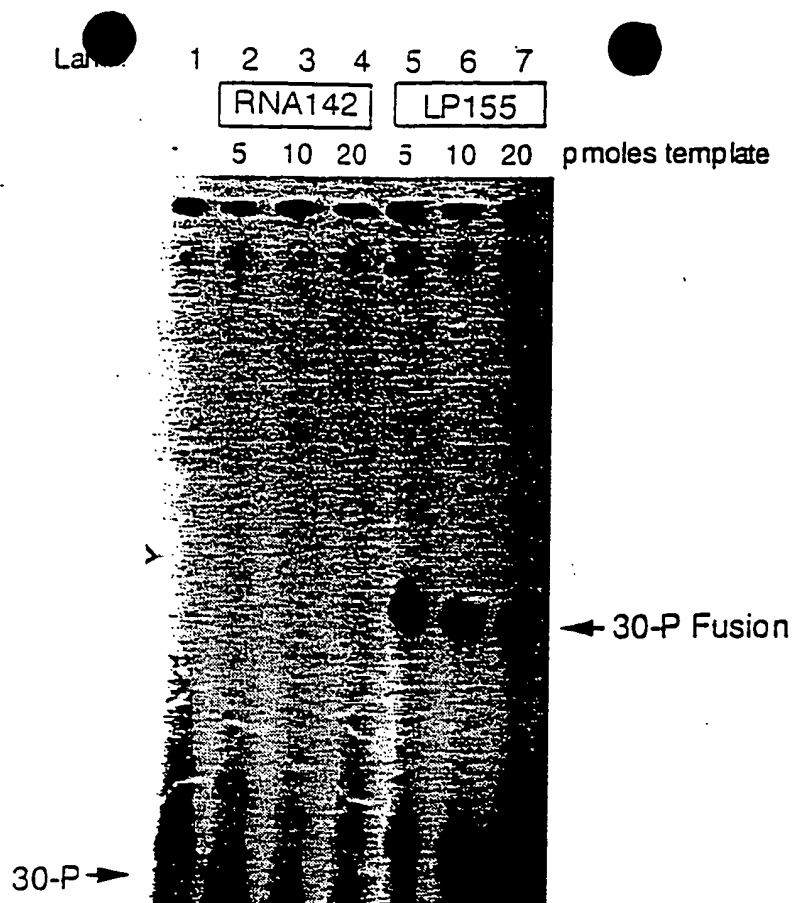
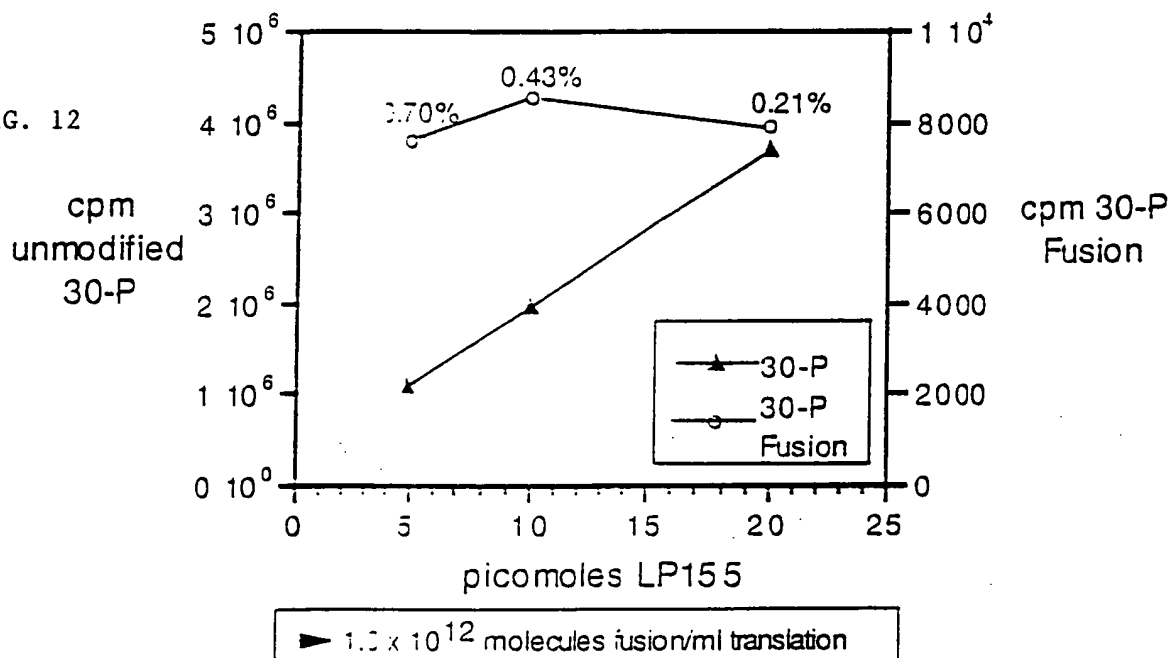


FIG. 12



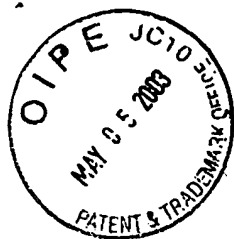


FIG. 13

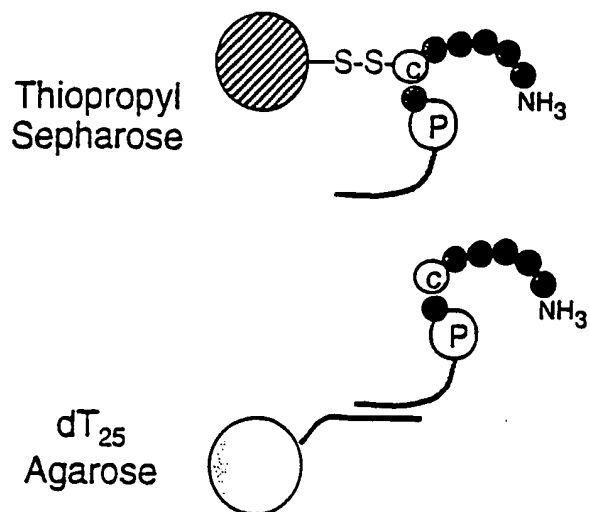


FIG. 14

